



Applicant: ASHLEY B. JOHNSON ET AL.  
Title: PROVIDING A LOW PRESSURE CONDITION IN A WELLBORE REGION  
Docket No.: 22.1434DIV1 (SHL.0141D1US)  
Serial No.: 10/776,997  
Atty: Dan C. Hu, Reg. No. 40,025, (713) 468-8880  
Sheet 1 of 14

1/14

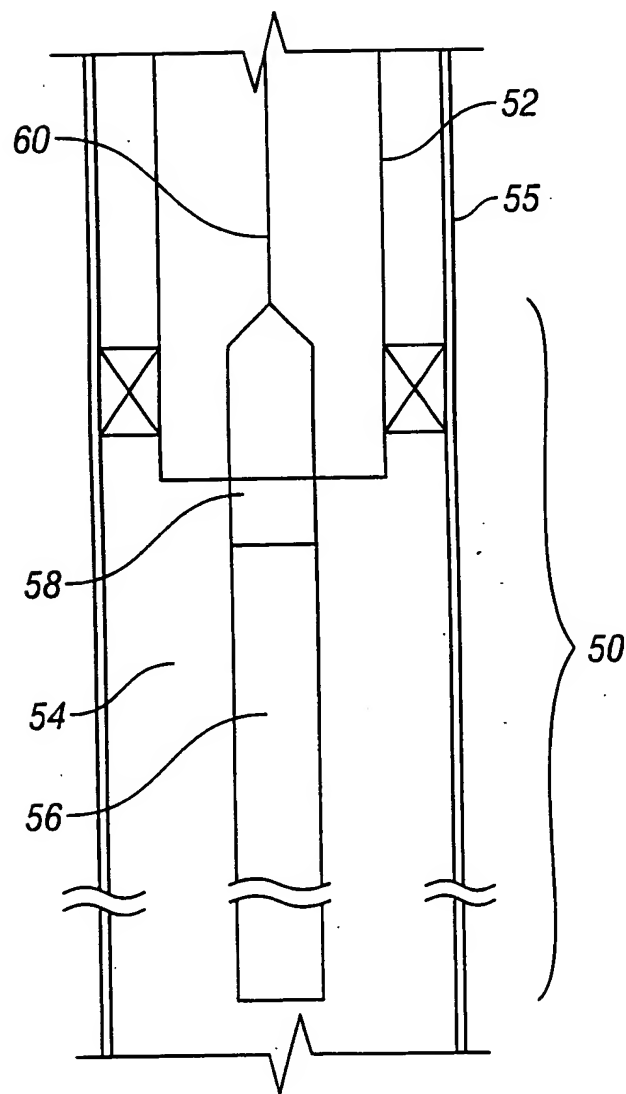


FIG. 1

2/14

56A →

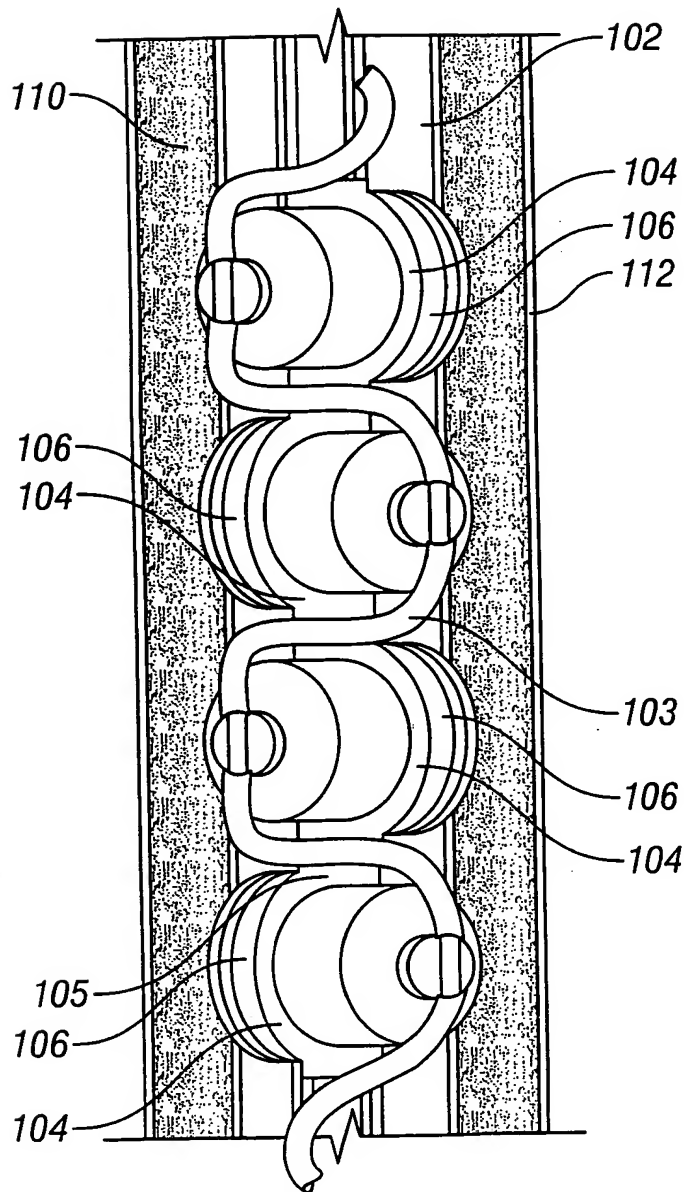
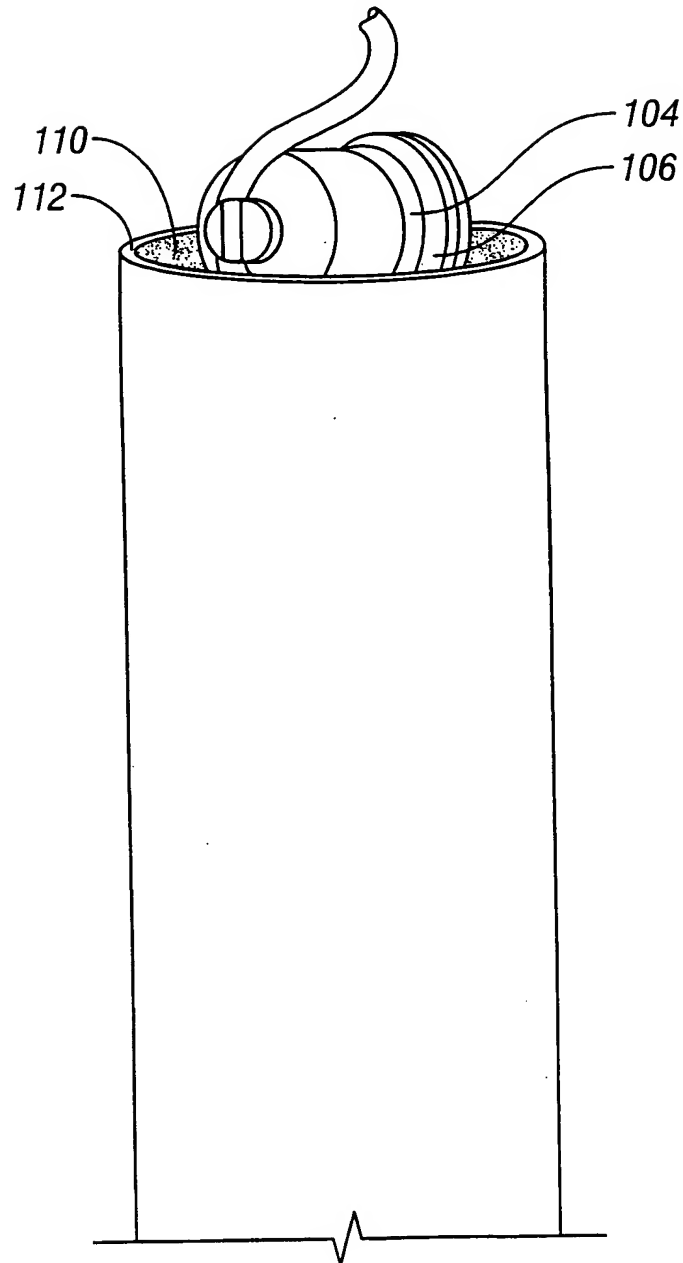


FIG. 2A



**4/14**



**FIG. 2C**

5/14

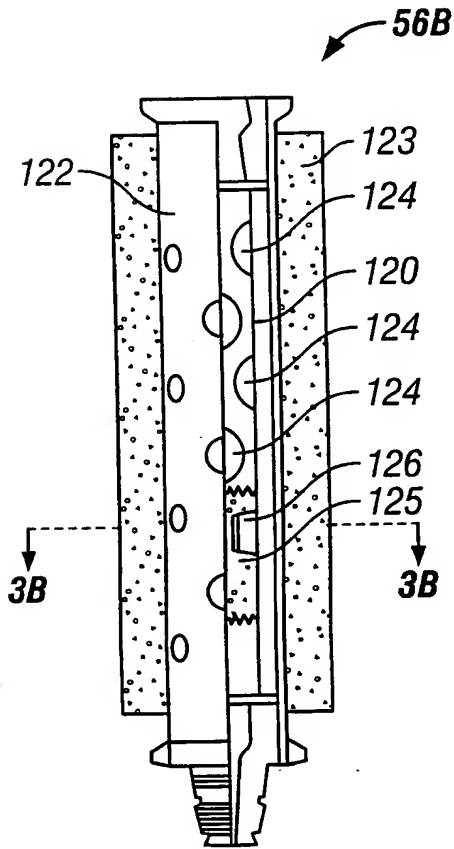


FIG. 3A

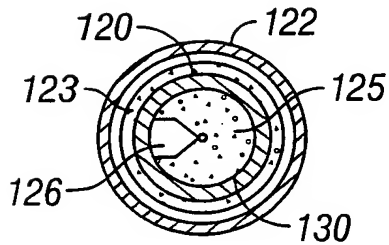


FIG. 3B

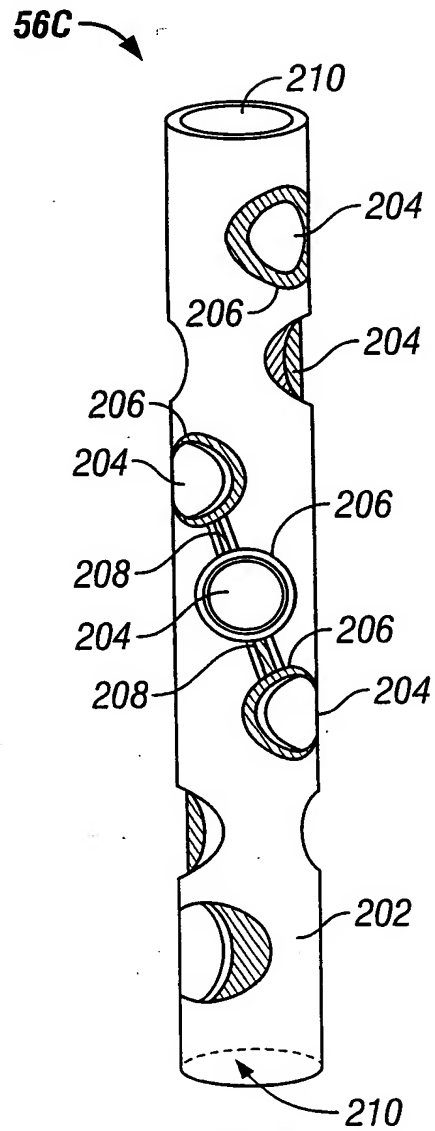


FIG. 4

6/14

56F

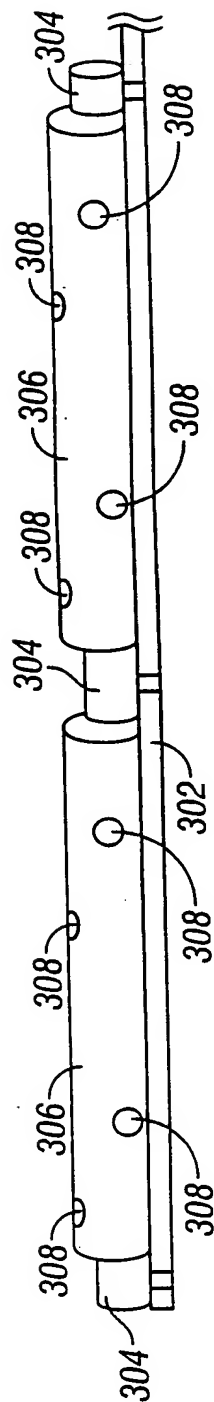


FIG. 5A

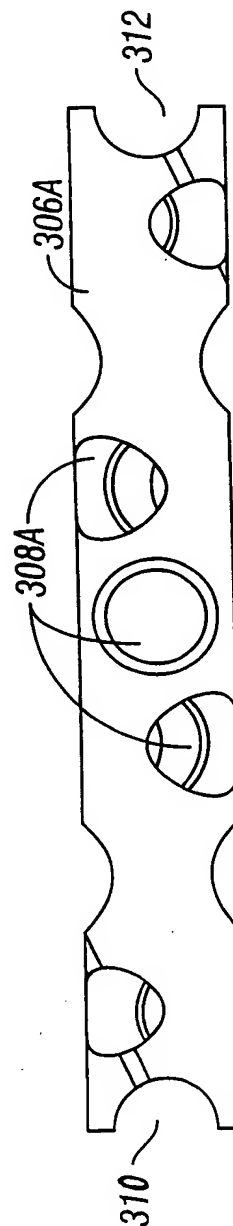
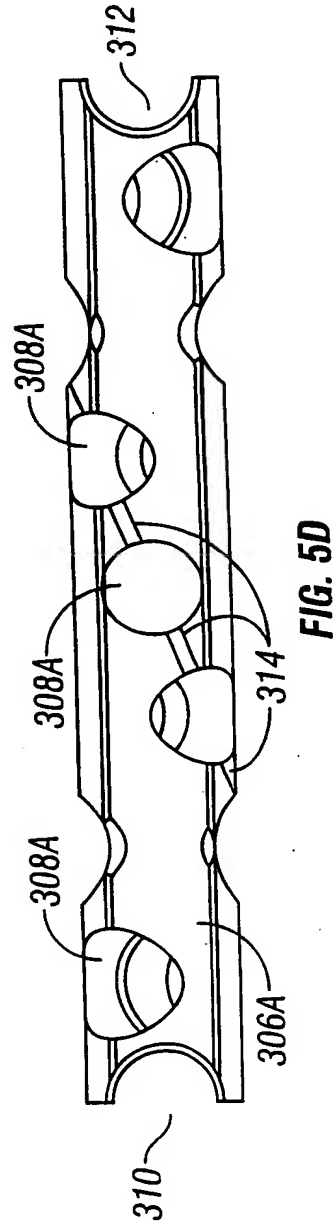
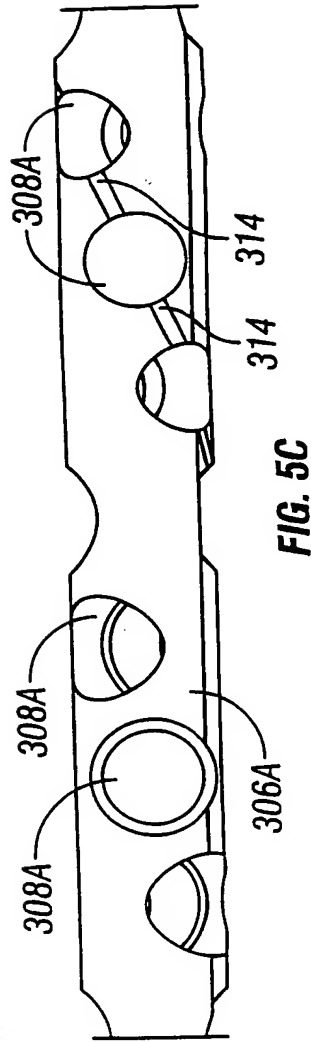


FIG. 5B

7/14



8/14

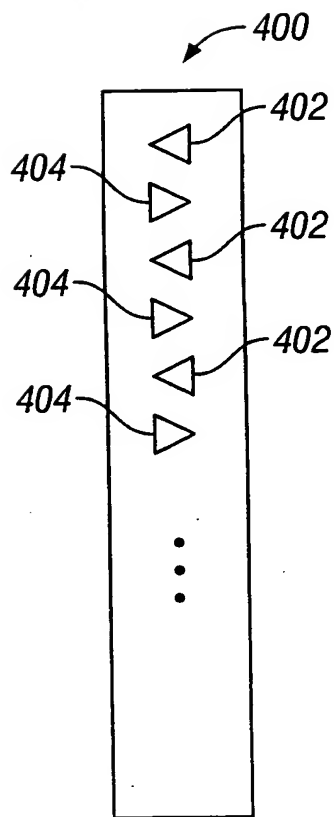


FIG. 6

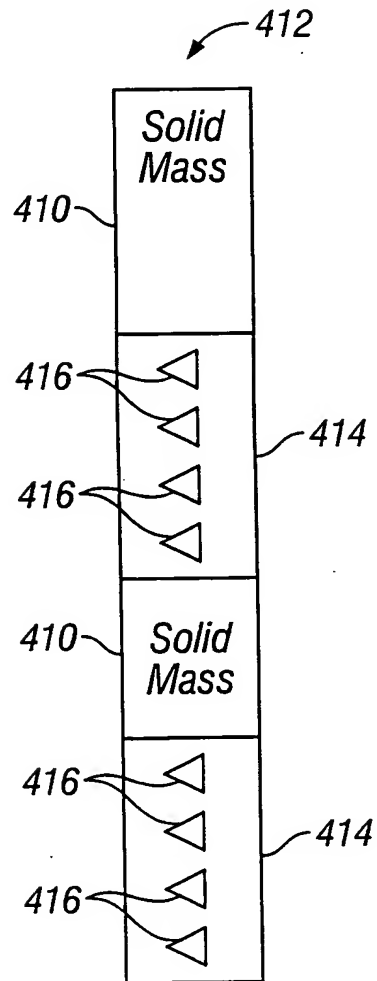
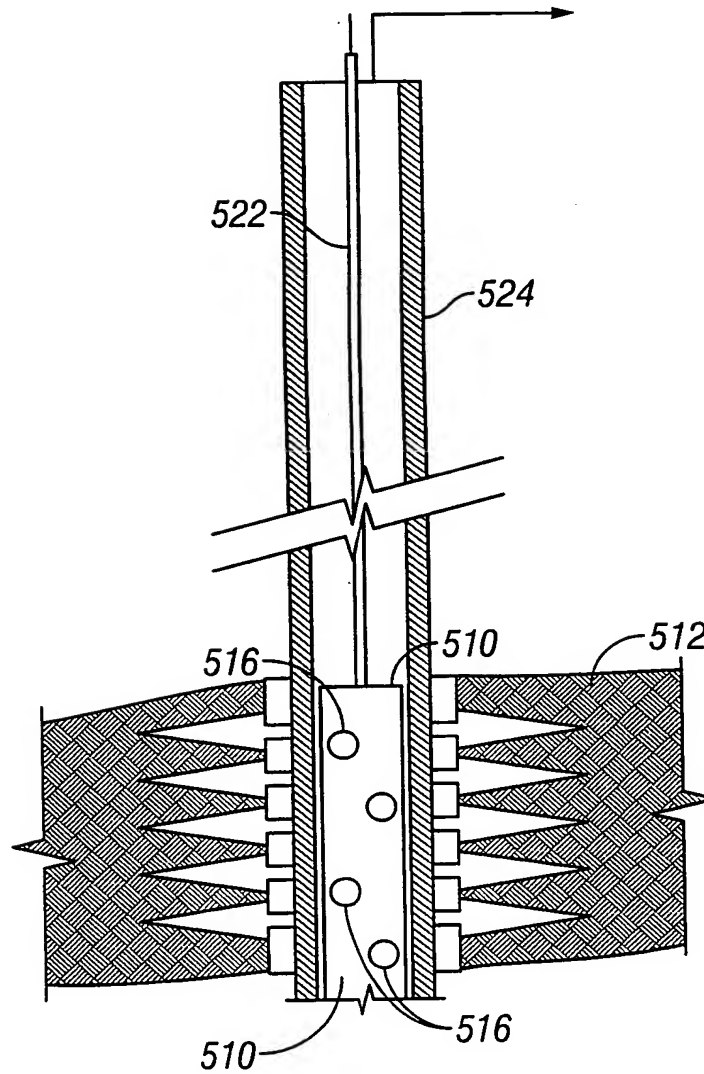


FIG. 7



**9/14**



**FIG. 8**

10/14

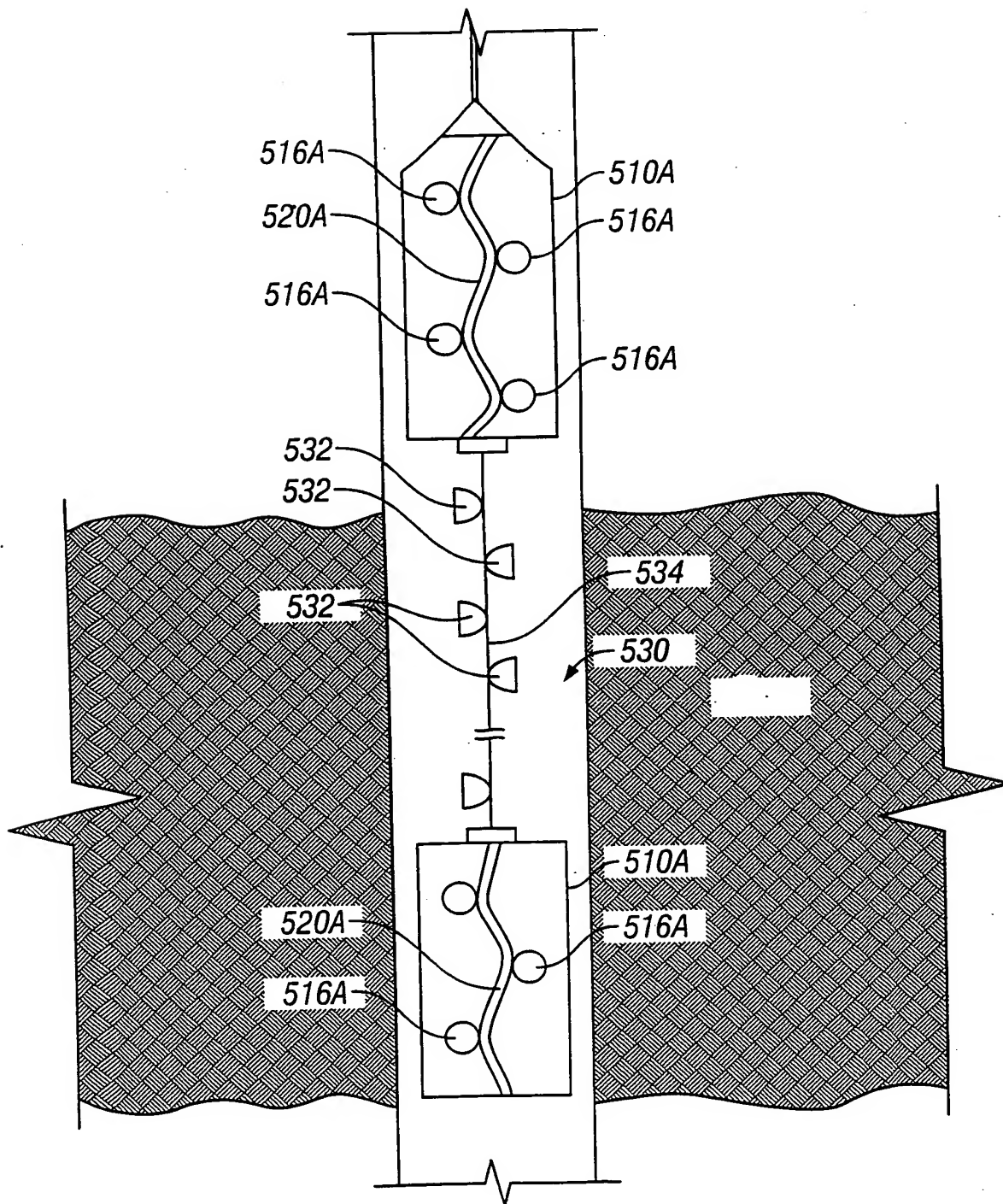
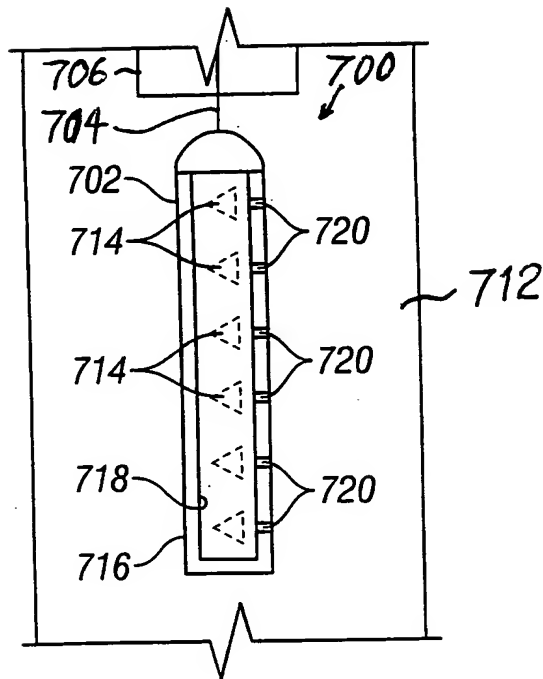


FIG. 9

FIG. 10

Applicant: ASHLEY B. JOHNSON ET AL.  
Title: PROVIDING A LOW PRESSURE CONDITION IN A WELLBORE REGION  
Docket No.: 22.1434DIV1 (SHL.0141D1US)  
Serial No.: 10/776,997  
Atty: Dan C. Hu, Reg. No. 40,025, (713) 468-8880  
Sheet 12 of 14

**12/14****FIG. 11**

13/14

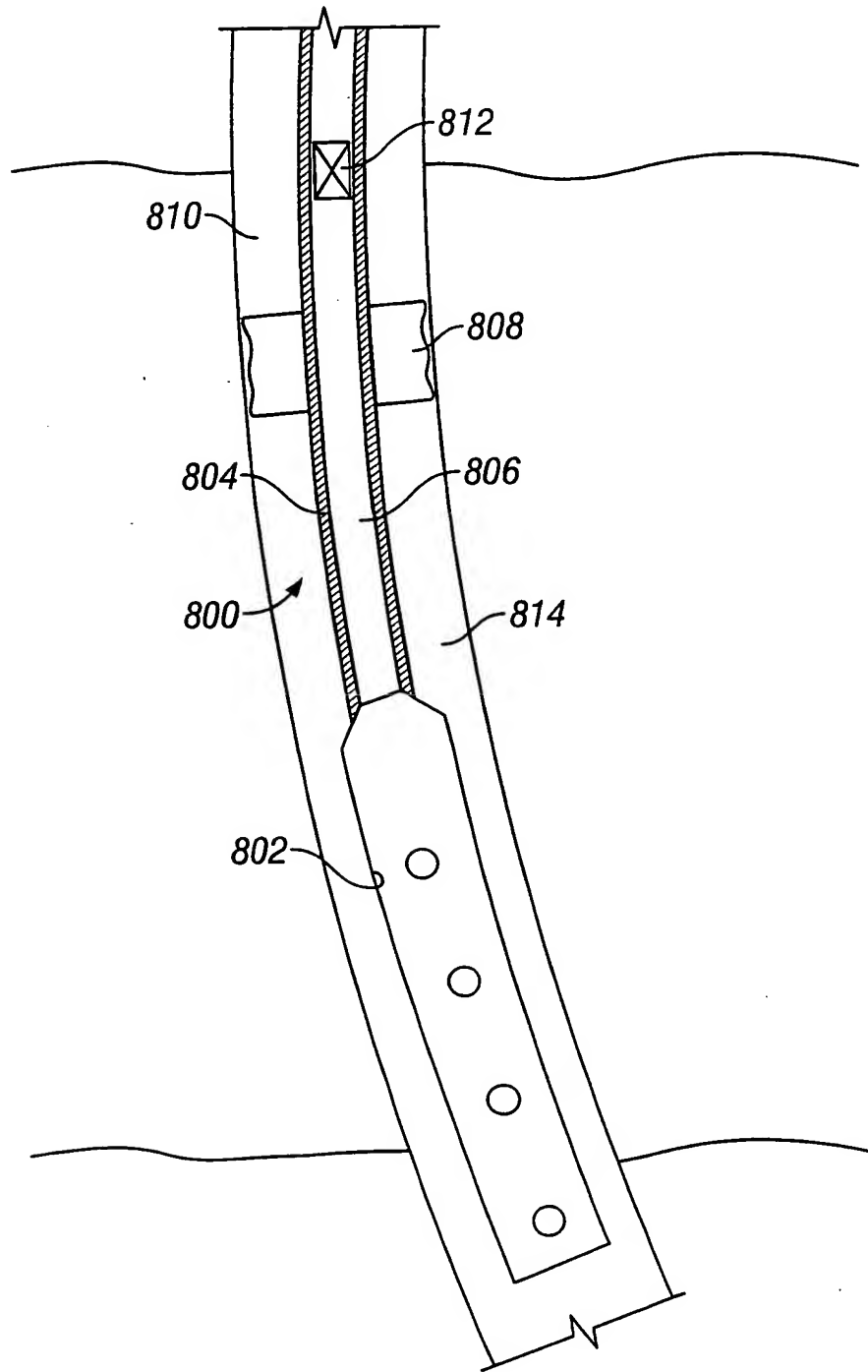
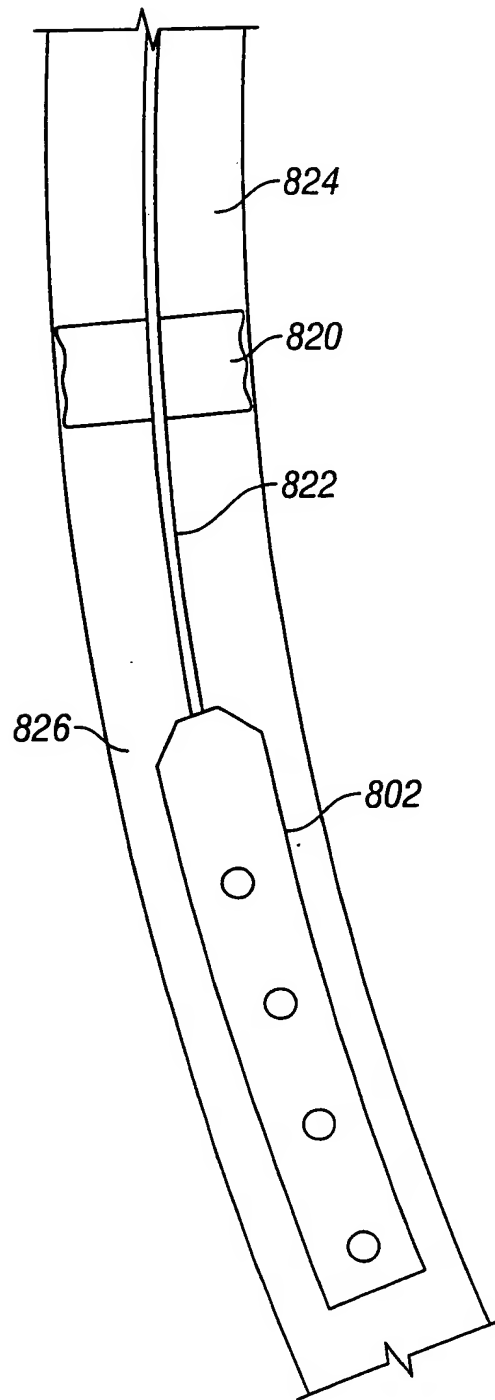


FIG. 12

**14/14**



**FIG. 13**